

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037922.D
 Acq On : 27 Oct 2021 19:01
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/28/2021
 Supervised By : Mahesh Dadoda 10/29/2021

Quant Time: Oct 28 07:07:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1226034	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	3740266	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3120483	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2163184	9.91	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	12509m	0.144	ppbv	
20) Methylene Chloride	4.36	84	26084m	0.469	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

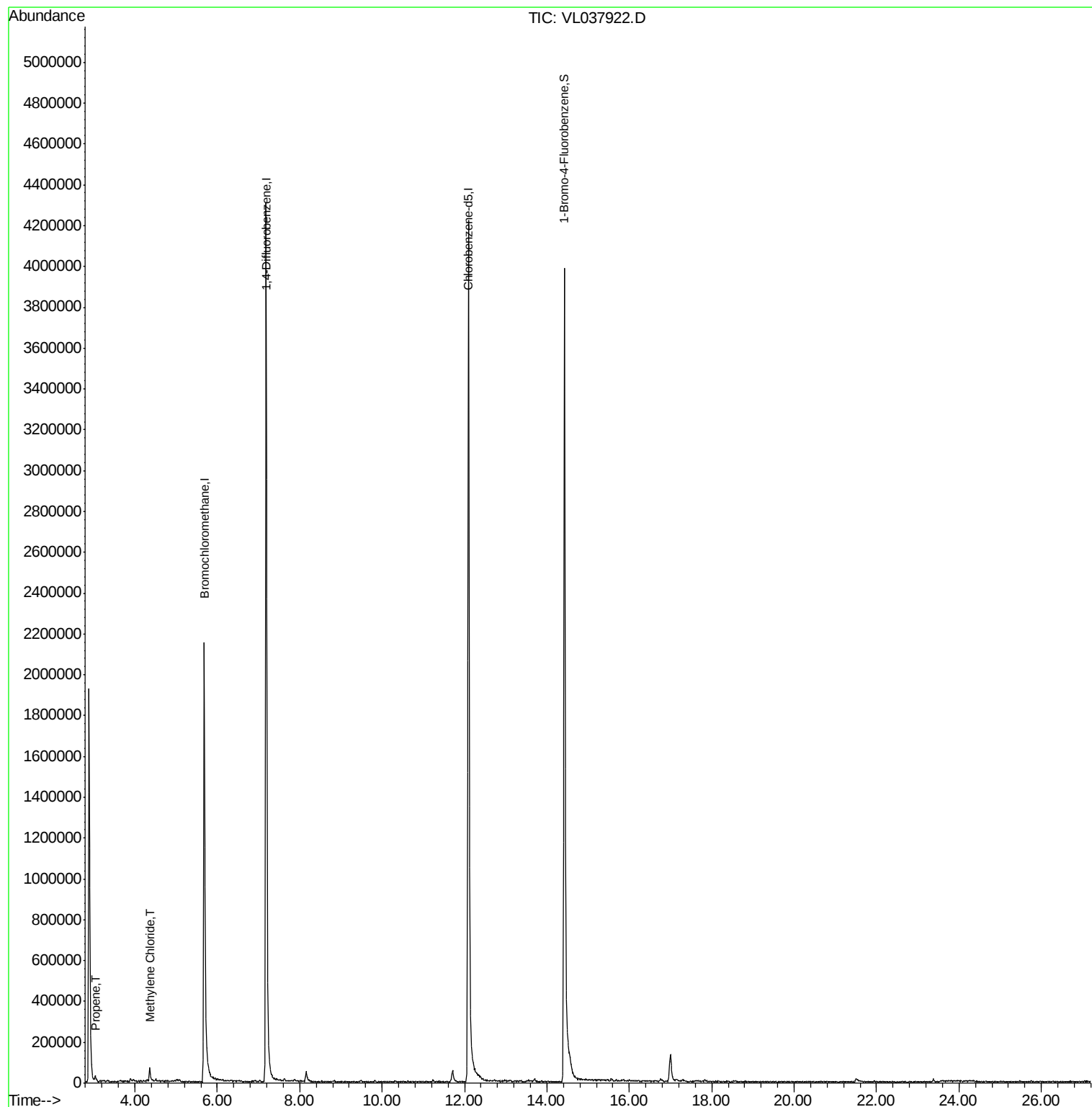
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL102721\
Data File : VL037922.D
Acq On : 27 Oct 2021 19:01
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

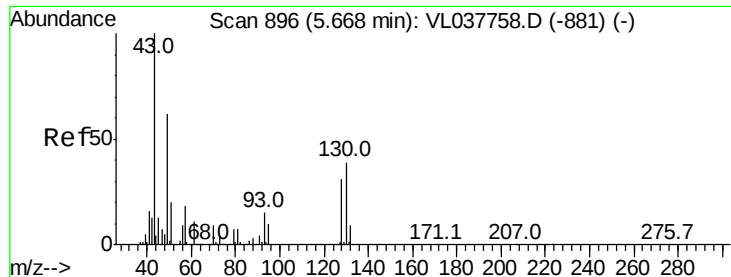
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

Quant Time: Oct 28 07:07:32 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. 0.03 min

Lab File: ClientSampleId :

Acq: 27 Oct 2021 19:01

Manual Integrations
APPROVED

Tot Ion:

Ion Ratio

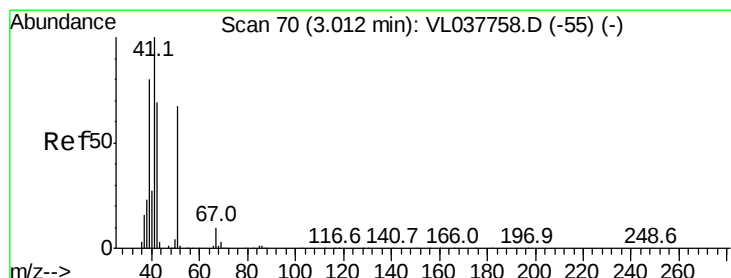
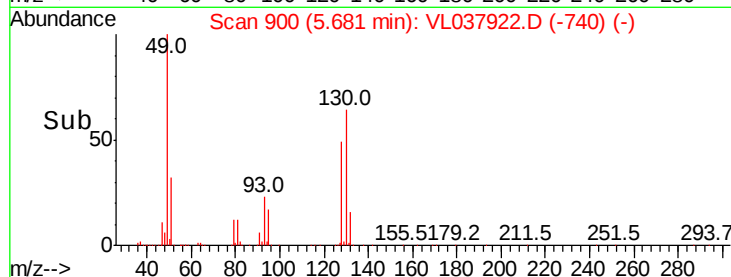
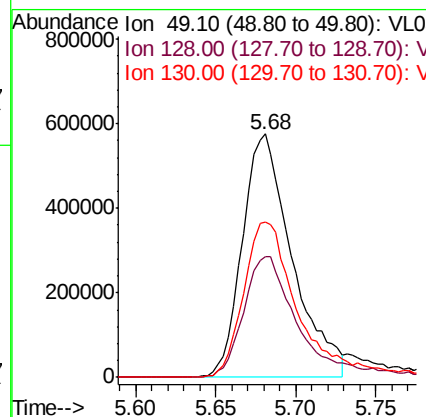
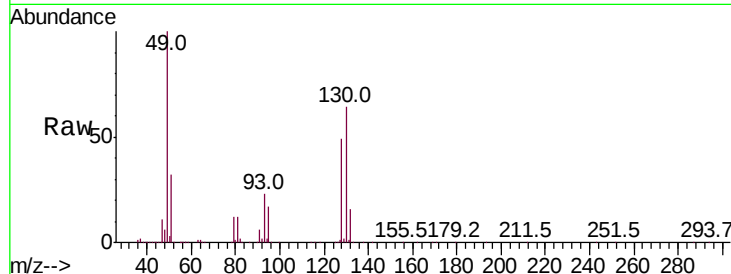
49 100

128 56.

130 73.

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#9

Propene

Concen: 0.144 ppbv m

RT: 3.04 min Scan# 79

Delta R.T. 0.03 min

Lab File: VL037922.D

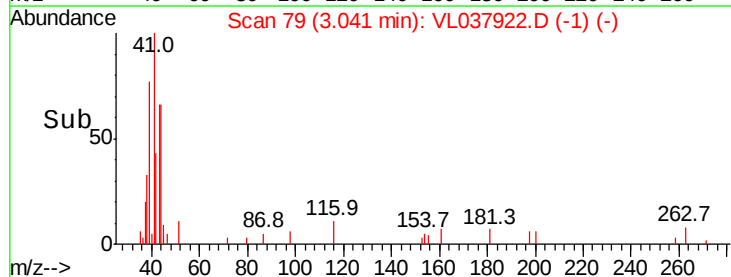
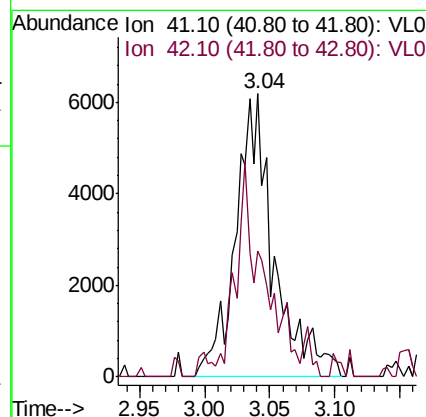
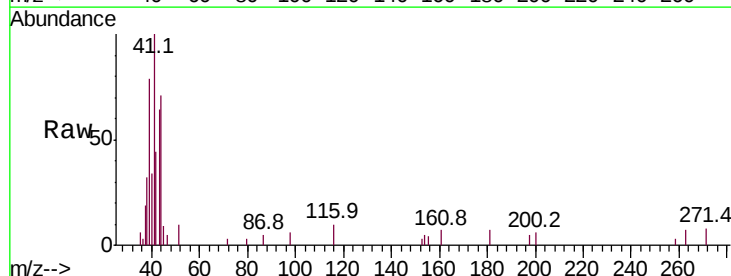
Acq: 27 Oct 2021 19:01

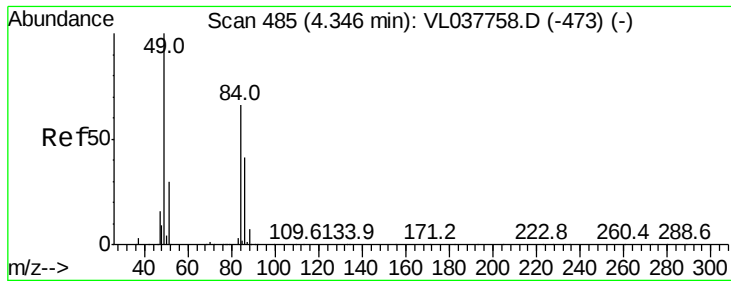
Tgt Ion: 41 Resp: 12509

Ion Ratio Lower Upper

41 100

42 3.3 54.2 81.2#



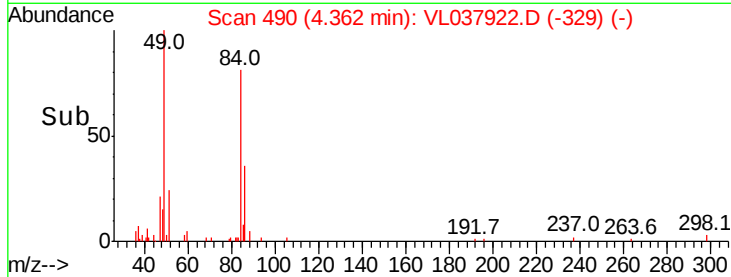
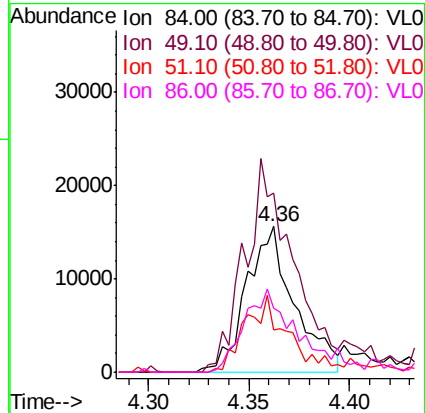
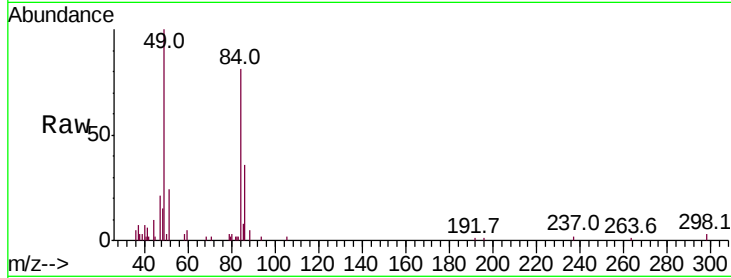


#20
Methvlene Chloride
Concen: 0.469 ppbv m
RT: 4.36
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Oct 2021 19:01

Tot Ion:
Ion Ratio
84 100
49 122.
51 29.
86 43.6 49.6 74.4#

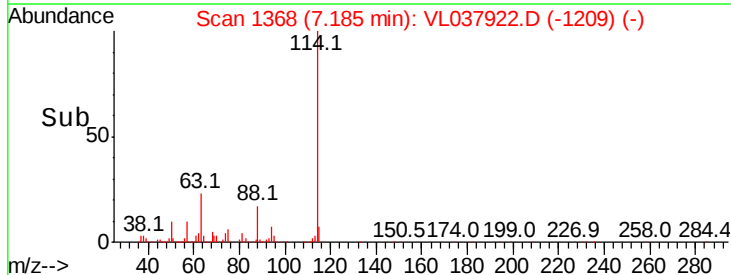
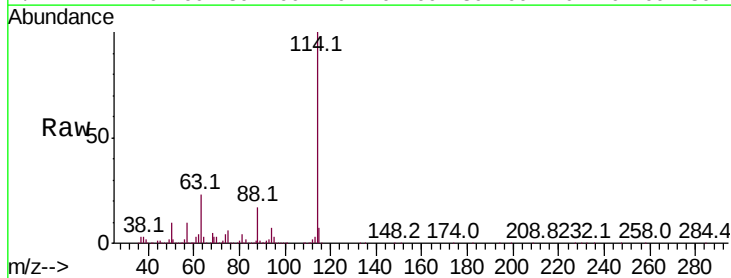
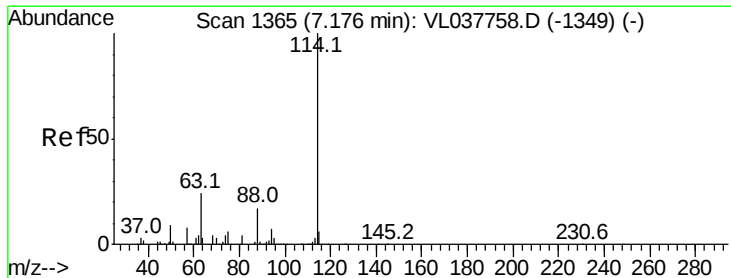
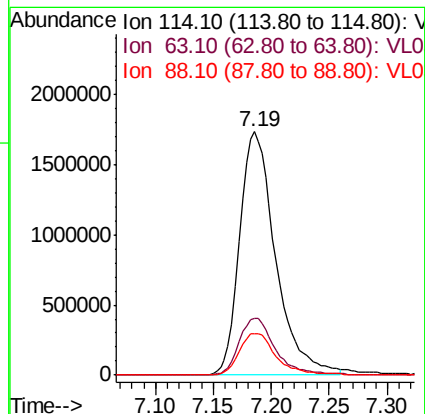
Manual Integrations
APPROVED

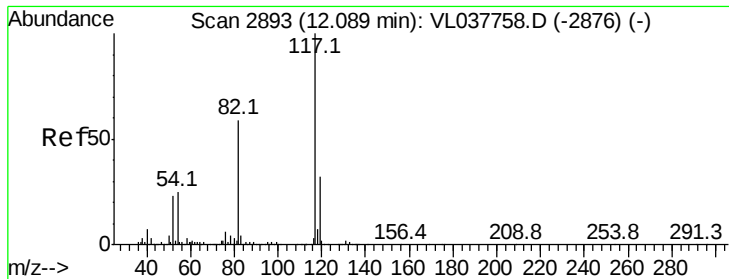
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VL037922.D
Acq: 27 Oct 2021 19:01

Tgt Ion:114 Resp: 3740266
Ion Ratio Lower Upper
114 100
63 23.9 19.4 29.2
88 17.8 14.4 21.6



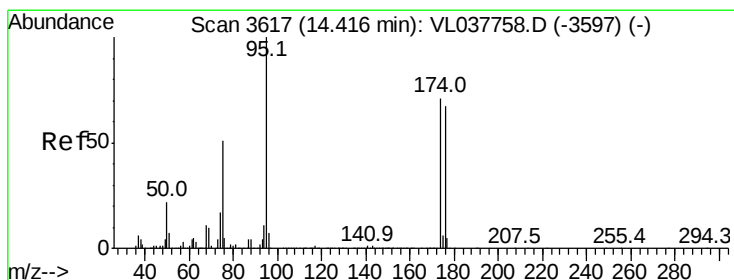
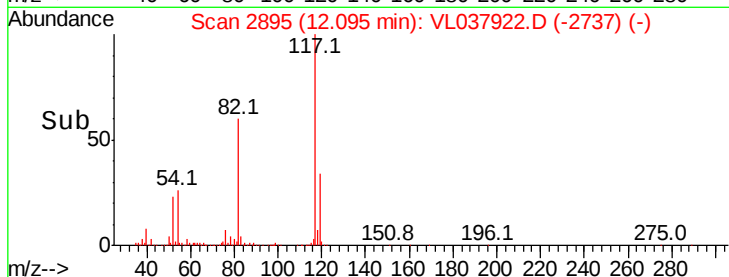
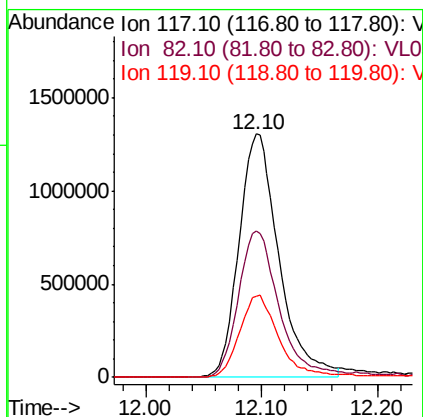
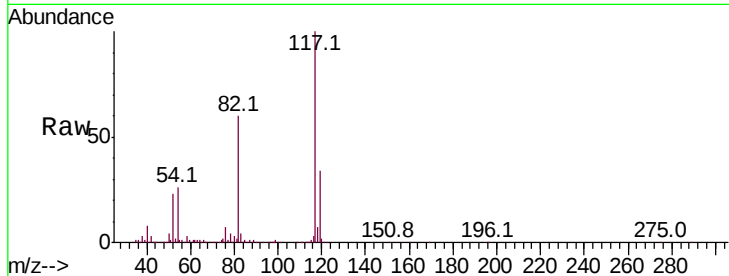


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId :
Acq: 27 Oct 2021 19:01

Tot Ion: 1
Ion Ratio
117 100
82 64.
119 34.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 9.913 ppbv
RT: 14.43 min Scan# 3620
Delta R.T.: 0.01 min
Lab File: VL037922.D
Acq: 27 Oct 2021 19:01

Tgt Ion: 95 Resp: 2163184
Ion Ratio Lower Upper
95 100
174 71.2 57.8 86.6
175 5.5 4.7 7.1

